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U.S. Army Influenza Activity Report

Week Ending 25 October 2014 (Week 43)

2014-2015 Seasonal Influenza Vaccination Coverage As of 23 OCT 2014

48%	DOD
53%	Army Active Duty
42%	Army Guard
31%	Army Reserve

SYNOPSIS: WRMC reported the most influenza A cases (8) during week 43. However, influenza-like illness (ILI) activity remains low in both Army and civilian populations.

- **ILI Activity:** Army incident ILI outpatient visits in week 43 were 11% lower than for the same week last year.
- **Influenza cases:** No hospitalized influenza cases were reported to USAPHC through DRSi in week 43. To date, no cases have been reported during this influenza season.
- **Viral specimens:** During week 43, 76 of 584 (13%) laboratory specimens tested positive for respiratory pathogens; 16 of 475 (3.4%) specimens tested for influenza A were positive. WRMC reported the most cases (50%), followed by SRMC (31%), NRMC (13%), and PRMC (6%). RSV accounted for 42% of positive specimens.

Geographic Spread

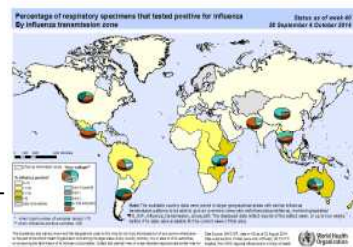


United States

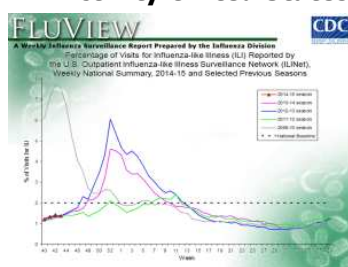
- In week 43, Guam reported widespread influenza activity, while Alaska reported regional activity. Forty states, Puerto Rico, and the U.S. Virgin Islands reported local and sporadic activity. No influenza activity was reported by 9 states and the District of Columbia.

World Health Organization

- In tropical countries of the Americas, influenza B co-circulated with respiratory syncytial virus (RSV). In Africa and western Asia, influenza activity was low.

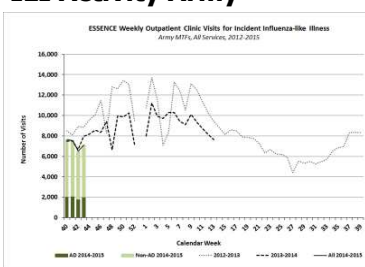


ILI Activity United States



- Nationwide during week 43, 1.4% of outpatient visits reported in ILINet were due to ILI, which is below the national baseline of 2.0%.
- The percentage of ILI outpatient visits ranged from 0.8% to 2.2% across the regions reporting.

ILI Activity Army



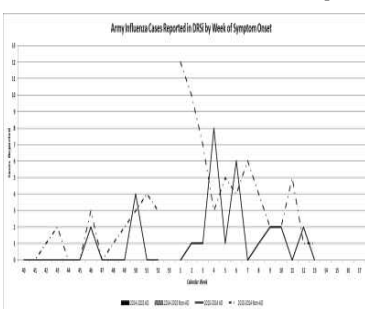
- During week 43, incident ILI activity was 11% lower than the same time last year and 20% lower than week 43 in 2012-2013.
- AD SMs accounted for 28% of incident ILI clinic visits during week 43; in 2013-2014, AD SMs comprised 25% of ILI clinic visits on average.

Laboratory Respiratory Specimen Testing

Test Result	Week 40	Week 41	Week 42	Week 43	Season Total
Influenza A	7	8	5	16	36
Influenza B	1	4	3	4	12
Adenovirus	6	8	4	9	27
Enterovirus	0	0	0	0	0
Parainfluenza	7	4	4	15	30
RSV	7	16	13	32	68
Negative	442	360	378	508	1702
Total Results	470	400	407	584	1875

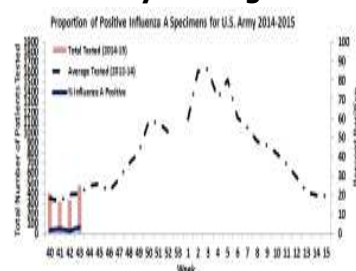
- 13% (76) of specimens tested positive during week 43.
- Influenza A accounted for 21% of positive specimens.
- RSV accounted for 42% of positive specimens, parainfluenza for 20%, adenovirus for 12%, and influenza B for 5%.
- No positive enterovirus cases were reported.

DRSi Influenza Case Reporting



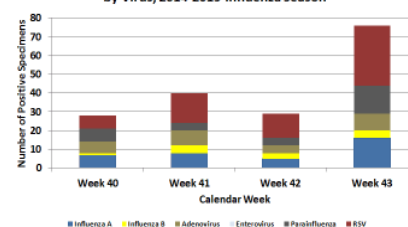
- In week 43, no cases of influenza-associated hospitalization were reported in DRSi.
- No Army influenza cases have been reported for the 2014-2015 influenza season.
- At the same time last influenza season, two hospitalized influenza cases were reported.

Laboratory Testing for Influenza A



- In week 43, 16 of 475 (3.4%) specimens tested for influenza A were positive. This was an increase from week 42 (1.5%). 13 (81%) of the positive influenza A specimens were from non-AD personnel.
- WRMC reported 8 (50%) of the total influenza A cases. SRMC reported 5 (31%) positive influenza A specimens, NRMC reported 2 (13%), and PRMC reported 1 (6%). ERMC and CENTCOM reported zero cases for week 43.

Positive Respiratory Specimen Results from Army MTFs by Virus, 2014-2015 Influenza Season



Additional Resources: [Army Influenza Reports](#); [ARD Reports](#); [AFHSC Influenza Reports](#); [NHRC FRI Reports](#); [DoD Global Influenza Surveillance Program](#); [DoD Pandemic Influenza Watchboard](#); [CDC](#); [WHO](#)
Key: ILI-Influenza-Like Illness; DRSi- Disease Reporting System Internet; NHRC- Naval Health Research Center; ADV- Adenovirus; RSV-Respiratory Syncytial Virus; DEP- Disease Epidemiology Program; SM-Service Member

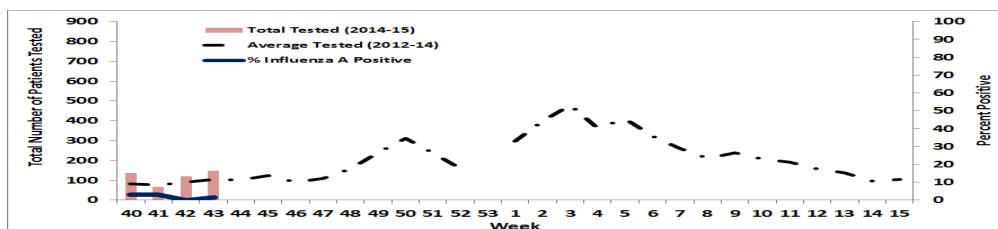
Questions?

Email [USAPHC-DEP](#)
410-417-3774

U.S. Army Influenza Activity Report

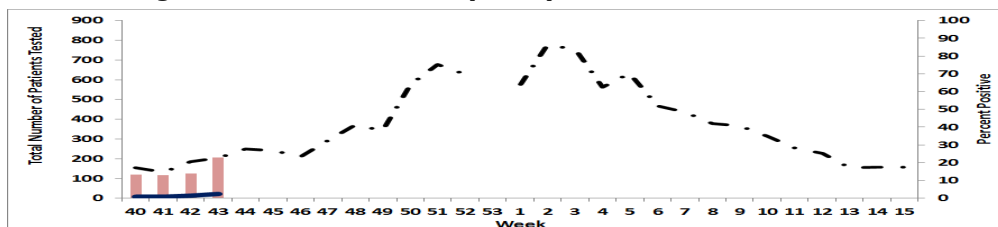
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2014-2015 as Compared to 2013-2014

Northern Regional Medical Command (NRMC)



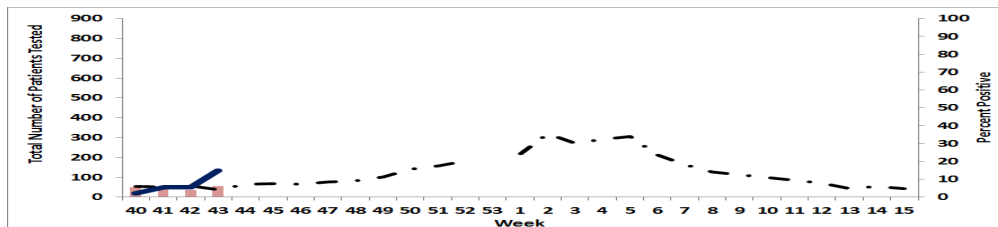
Week 43			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	2	5
18-29	0	0	1
30-39	0	0	0
40-49	0	0	2
50-59	0	0	0
60+	0	0	0
Total	0	2	8

Southern Regional Medical Command (SRMC)



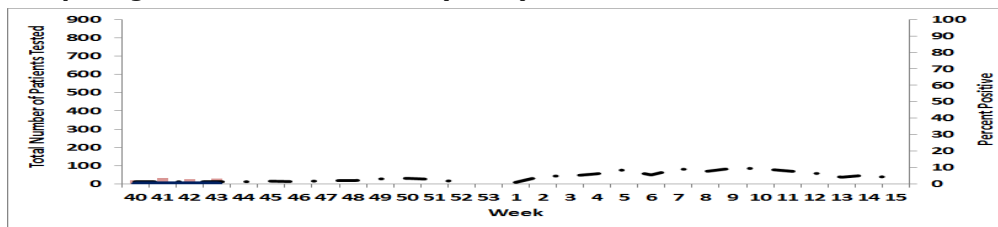
Week 43			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	2	3
18-29	1	1	3
30-39	0	0	1
40-49	1	0	1
50-59	0	0	0
60+	0	0	1
Total	2	3	9

Western Regional Medical Command (WRMC)



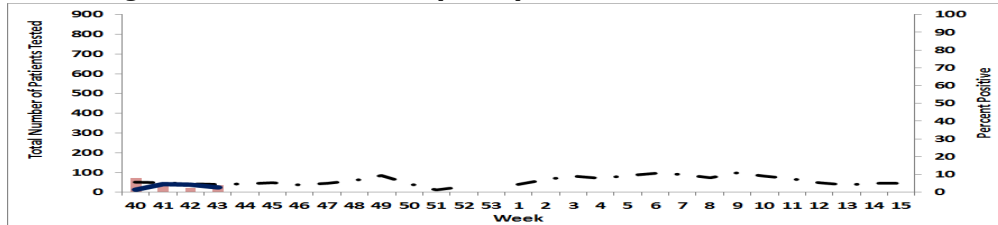
Week 43			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	6	9
18-29	0	1	2
30-39	0	0	1
40-49	1	0	2
50-59	0	0	0
60+	0	0	0
Total	1	7	14

Europe Regional Medical Command (ERMC)



Week 43			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	0
18-29	0	0	0
30-39	0	0	0
40-49	0	0	0
50-59	0	0	0
60+	0	0	0
Total	0	0	0

Pacific Regional Medical Command (PRMC)



Week 43			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	1
18-29	0	1	4
30-39	0	0	0
40-49	0	0	0
50-59	0	0	0
60+	0	0	0
Total	0	1	5

Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 40		Week 41		Week 42		Week 43		Week 44		Week 45		Week 46		Week 47	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
NRMC	2	2	1	1	0	0	0	2								
SRMC	1	0	0	1	0	2	2	3								
WRMC	1	0	1	2	1	1	1	7								
ERMC	0	0	0	0	0	0	0	0								
PRMC	0	1	0	2	0	1	0	1								
CENTCOM	0	0	0	0	0	0	0	0								

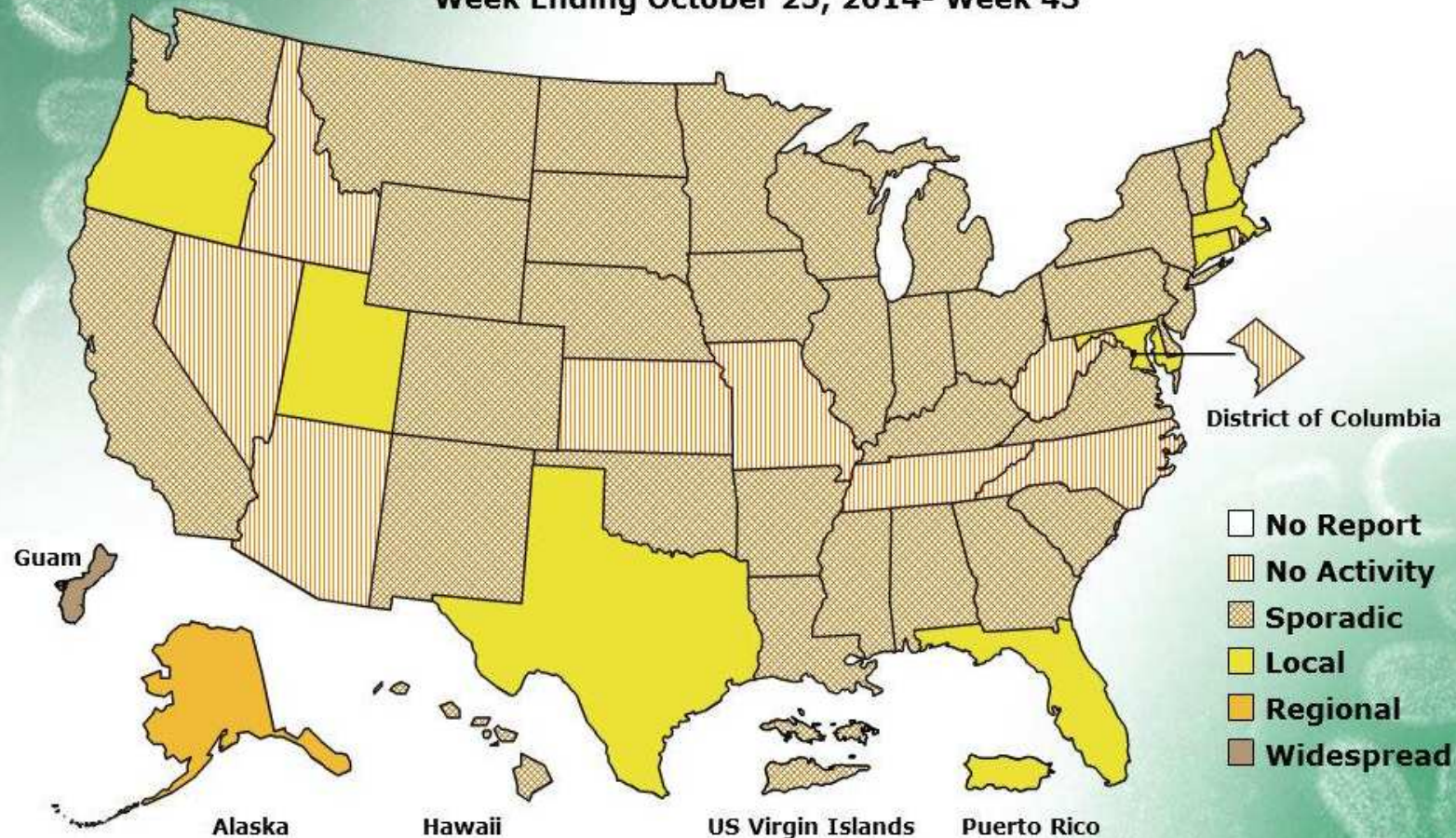
Locations providing week 43 laboratory data as of 29 October 2014: Korea, Ft Belvoir (NCR), Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Huachuca, Ft Irwin, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Landstuhl, Redstone Arsenal, Tripler, and West Point.

FLUVIEW



A Weekly Influenza Surveillance Report Prepared by the Influenza Division
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists*

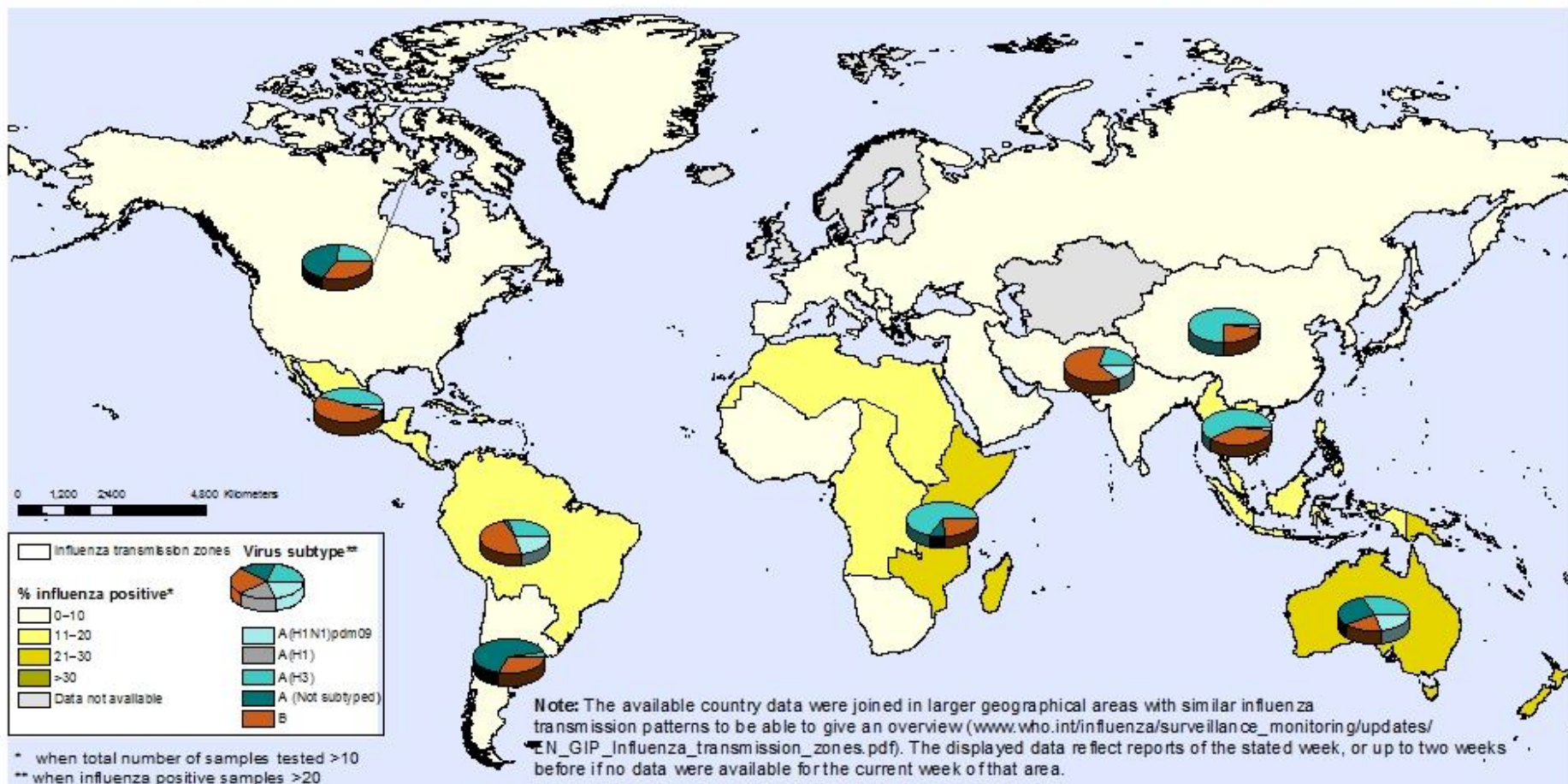
Week Ending October 25, 2014- Week 43



***This map indicates geographic spread and does not measure the severity of influenza activity.**

Percentage of respiratory specimens that tested positive for influenza By influenza transmission zone

Status as of week 40
28 September 4 October 2014



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

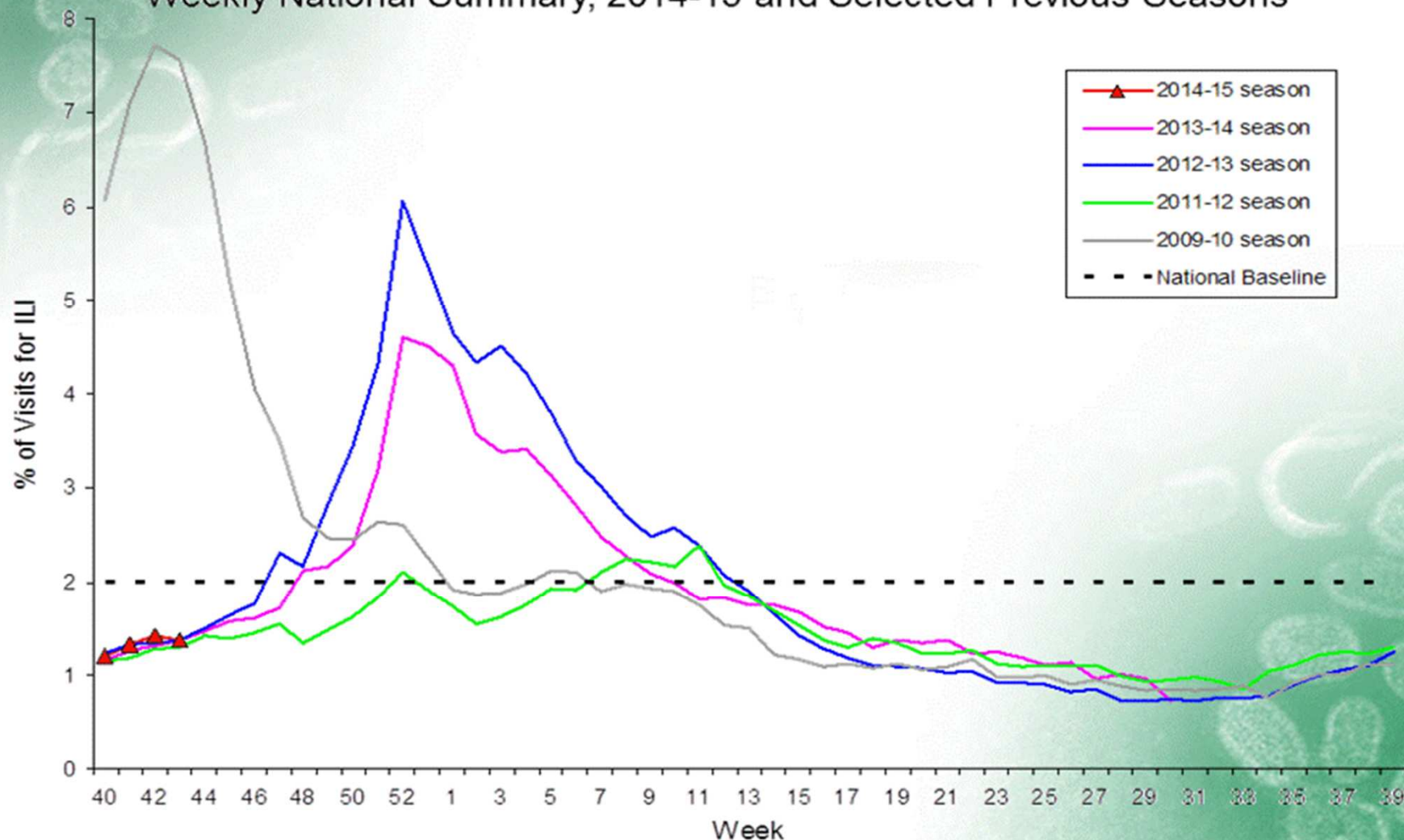
Data Source: WHO/GIP, data in HQ as of 22 August 2014.
Data used are from FluNet (www.who.int/flu-net), 08:15 UTC snapshot, from WHO regional offices and/or ministry of health websites.

FLUVIEW



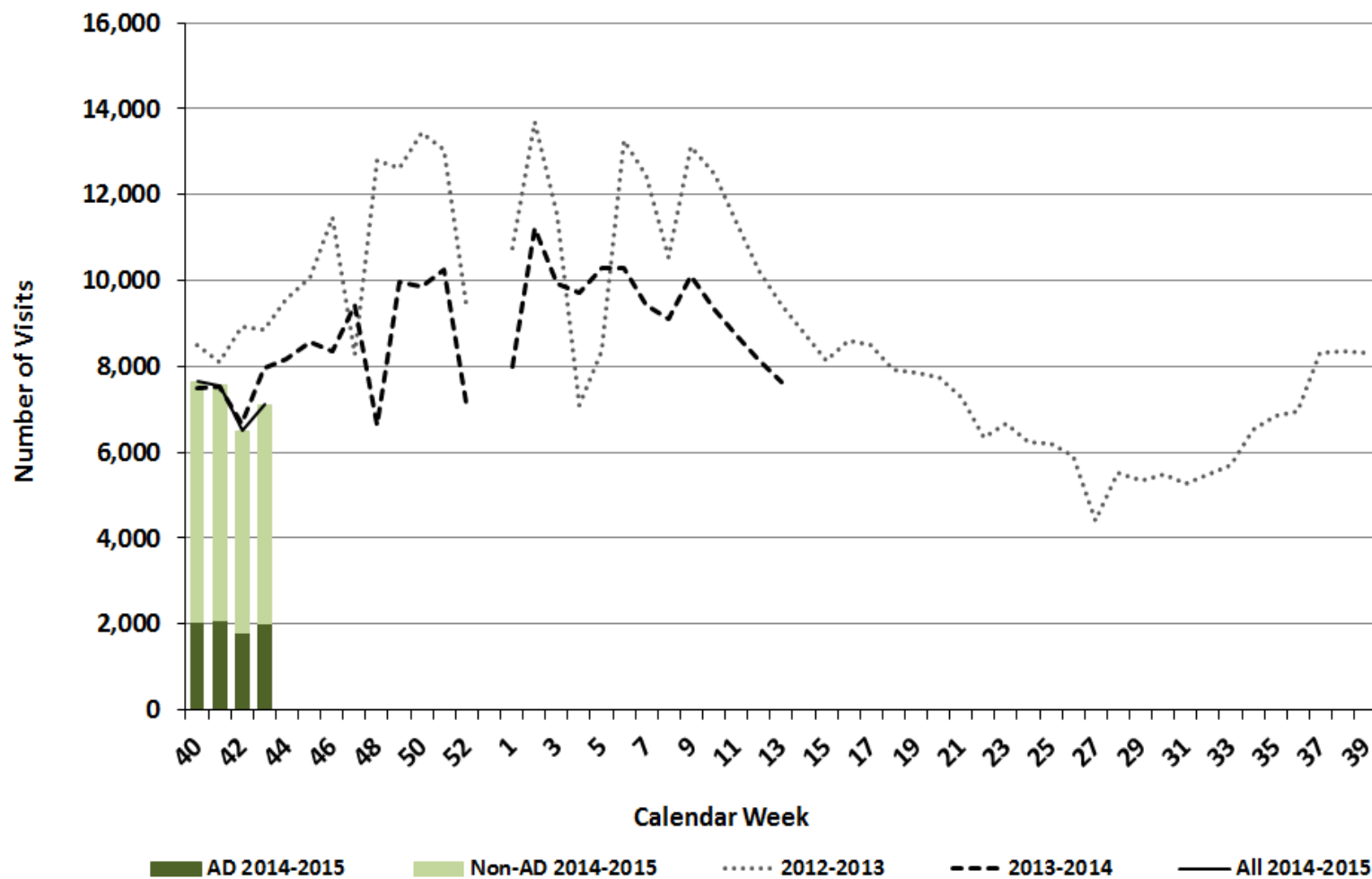
A Weekly Influenza Surveillance Report Prepared by the Influenza Division

Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2014-15 and Selected Previous Seasons



ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness

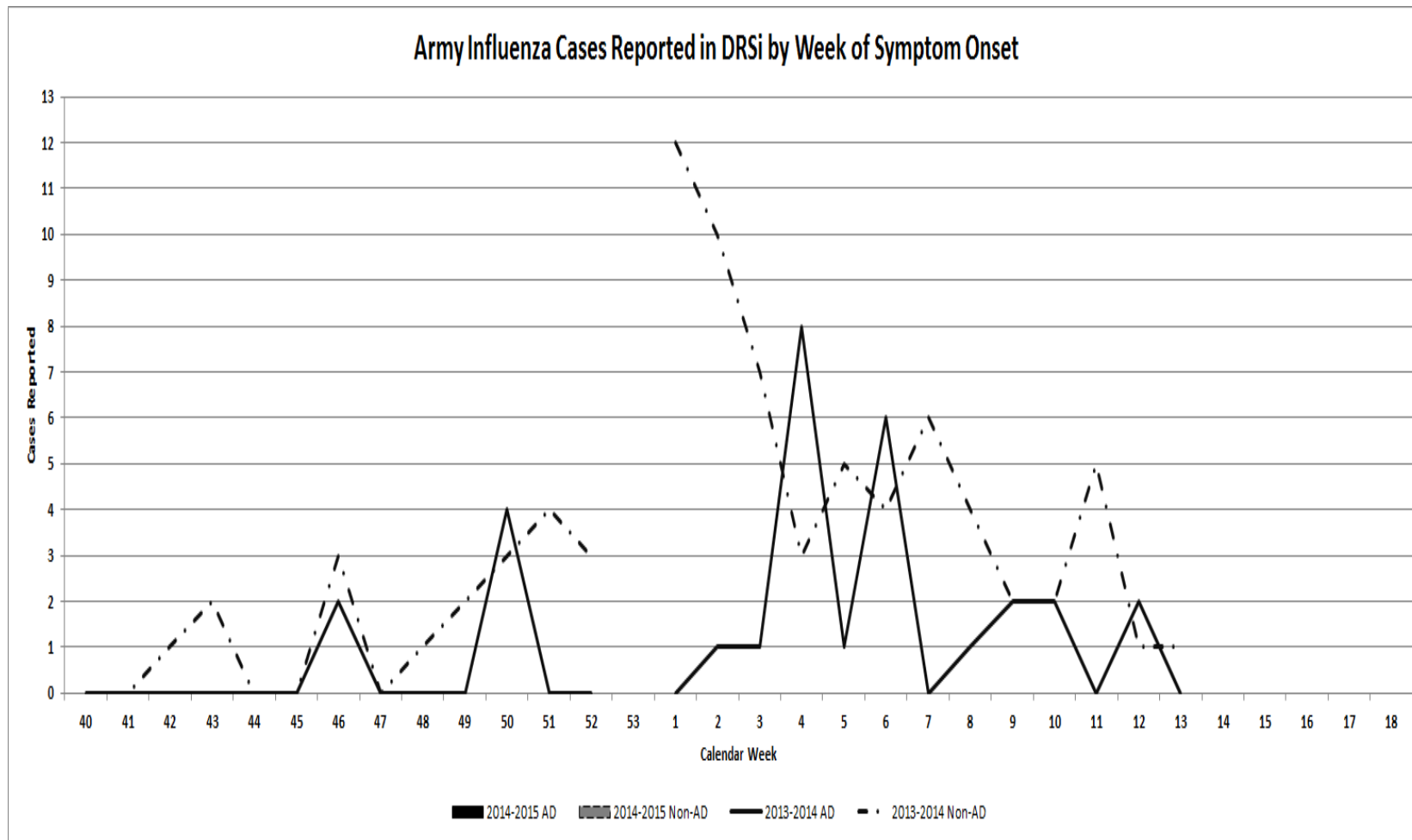
Army MTFs, All Services, 2012-2015



Clinic visits for ILI are obtained from ESSENCE. Data as of 29 October 2014.

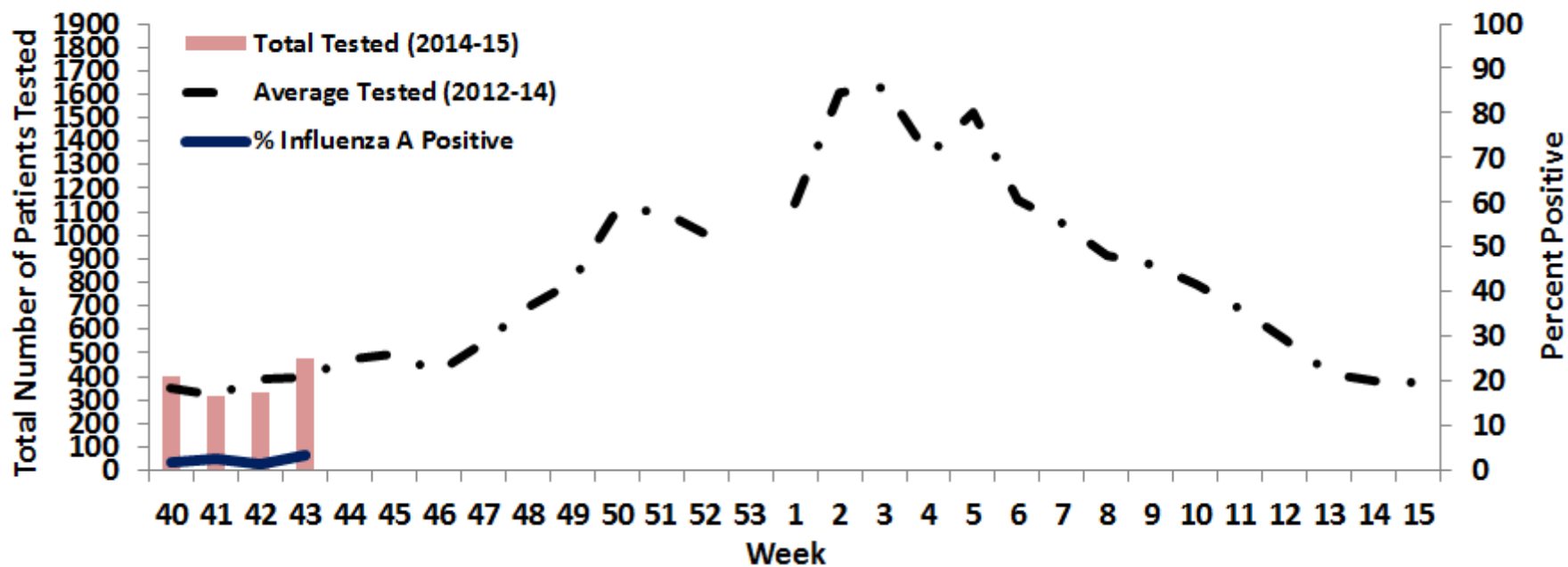
Army MTF Laboratory Results, 2013-14

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<i>Negative</i>	<i>442</i>	<i>360</i>	<i>378</i>	<i>508</i>	<i>1702</i>
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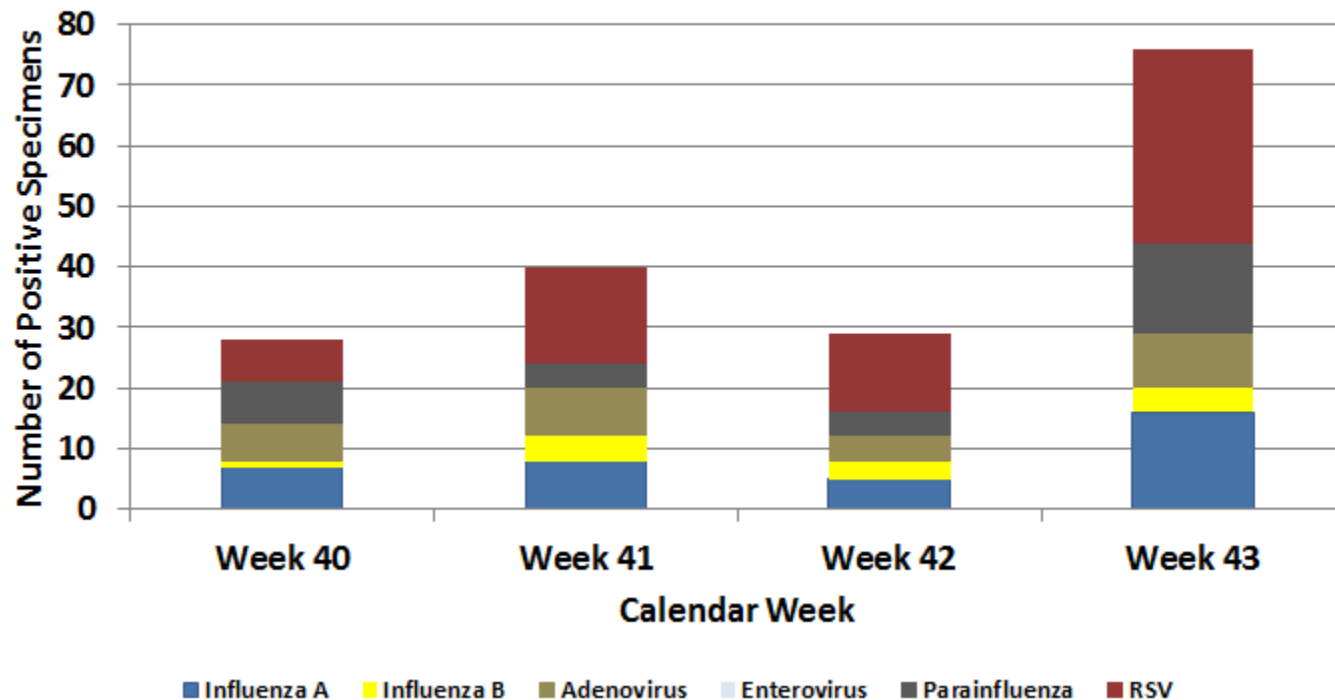


Note: Reportable influenza cases are defined as only cases that have been hospitalized and are under the age of 65. See [Armed Forces Reportable Medical Events Guidelines and Case Definitions](#) for more information
Data as of 29 October 2014.

Proportion of Positive Influenza A Specimens for U.S. Army 2014-2015



Positive Respiratory Specimen Results from Army MTFs by Virus, 2014-2015 Influenza Season



Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 40		Week 41		Week 42		Week 43		Week 44		Week 45		Week 46		Week 47	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
NRMC	2	2	1	1	0	0	0	2								
SRMC	1	0	0	1	0	2	2	3								
WRMC	1	0	1	2	1	1	1	7								
ERMC	0	0	0	0	0	0	0	0								
PRMC	0	1	0	2	0	1	0	1								
CENTCOM	0	0	0	0	0	0	0	0								